

CLAIMS

1. A method of treating a surface populated by a bacteria capable of producing a biofilm which comprises contacting the surface with a substance having N-acyl homoserine lactone degradant activity obtained from the secretions/excretions of *Lucilia sericata*.
2. A method according to claim 1, wherein the surface is selected from metal surfaces, glass surfaces and the surfaces of plastics materials.
3. A method according to claim 1 or claim 2, wherein the surface is the surface of a medical device or implant.
4. A method according to claim 1, wherein the surface is a wound surface.
5. A method according to any one of claims 1 to 4, wherein the bacteria capable of producing a biofilm is *Pseudomonas aeruginosa* or *Staphylococcus aureus*.
6. A method according to any one of claims 1 to 5, wherein the substance is provided in a composition which additionally comprises one or more antibiotic compound.
7. A method according to claim 6, wherein the antibiotic compound is tetracycline.
8. An antimicrobial composition comprising secretions/excretions isolated from *Lucilia sericata* or analogues thereof and one or more antibiotic compound.
9. A composition according to claim 8, wherein the antibiotic compound is tetracycline.

10. A composition comprising, as an active component, a substance having N-acyl homoserine lactone-degradant activity isolated from secretions/excretions obtained from *Lucilia sericata* or analogues thereof together with a carrier or vehicle, for the degradation of biofilms.
11. A composition comprising, as an active component, a serine proteinase isolated from secretion/excretions obtained from *Lucilia sericata* or analogues thereof together with a carrier or vehicle, for the degradation of biofilms.
12. A composition comprising, as an active component, a glycosidase isolated from secretions/excretions obtained from *Lucilia sericata* or analogues thereof together with a carrier or vehicle, for the degradation of biofilms.
13. An antimicrobial composition comprising, as an active component, a substance having cecropin-like activity isolated from secretions/excretions obtained from *Lucilia sericata* or analogues thereof together with a carrier or vehicle.
14. A composition according to any one of claims 10 to 13 which additionally comprises one or more antibiotic compound.
15. A composition according to claim 14, wherein the antibiotic compound is tetracycline.
16. An antimicrobial composition comprising cell-free haemolymph obtained from *Lucilia sericata* larvae grown in the presence of *Pseudomonas aeruginosa*, or one or more active constituent of said haemolymph or a synthetic analogue of such constituent.

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17. A wound dressing comprising a composition according to any one of claims 8 to 16 together with a carrier.